Olga

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COLLABORATORS			
	TITLE : Olga		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Olga

1.1 Olga: Table des Matières

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# # # # # # #

# # # # # #

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# # # # # # #

# # # # # # #

v1.22a

-- TABLE OF CONTENTS --

1.2 OLGA: Introduction

I N T R O D U C T I O N

OLGA ?
Which kind of software can have an eastern feminine firstname ?
Olga is a software which enables to handle answerer/recorder functions for
OLITEC Self Memory 33600 and 56000 modems.
This modems are stand alone thus they can be used like basic answerer (Amiga
switched off).

1.3 OLGA: But

A I M O F O L G A

The aim of Olga software is to handle stand alone voice modems specific
functions. Olga enables to custom answerer functions, to download received
messages into files, etc.
With Olga, you can now manage your OLITEC Self Memory modem as a real phone
answerer.
Only OLITEC Self Memory 33600 and 56000 can be used with Olga.

1.4 OLGA: Copyright

C O P Y R I G H T

Olga is copyright L.D.B SoftWare.
This software is Shareware.
Without written authorization, commercial use or sale are prohibited. You can
copy and distribute the unregistered version by this conditions:
- all the files must be present
- no files could be modified
In spite of our numerous tests, we can't warrant that OLGA is bug free.
You use Olga at your own risks. We can't be responsible of any dammage, direct
or indirect, resulting of the use of Olga.
You can register:
- by E-Mail, for a price of 70 FF (or £7 or 12 USD or 20 DM)
- by Postmail (disk), for a price of 90 FF (of £9 or 15 USD or 25 DM)
Don't forget to register in order to support Olga's developpement and to
enable future "multi-modem" compatibility.
The unregistred release is a bit limited :
- a message is present at lauch during 10 secondes
- this message comes back sometimes during using OLGA.
- the number of stored messages that can be download is limited to 2 messages.
This is the only limitation of this release.
COPYRIGHTS:
Amiga is a trade of Amiga Inc.
Mui is copyright Stefan STUNTZ.
EFMuiLib is copyright Erwan FOURET.

1.5 OLGA: Installation

I N S T A L L A T I O N

To install Olga, clic on Install-Olga_en icon.
The directories organization is:
OLGA: |--- MSG

| |

| |--Notes

|

|--- ACC

| |

| |--Notes

|

|--- DOC

| |

| |--Tanslation

|

|--- RNG

Add an assign in the user-startup, example :

ASSIGN OLGA: WORK:OLGA

Olga use MUI; you have to install MUI v3.8 (c) Stephen STUNZ before.

MUI is available at URL: www.sasg.com or on Aminet

Hints for the first use :

- During first launch, answer "no" at the question "do you want to use modem?"

- Go to the adjustment window and set your own parameters.

- Save the prefs. This will create the olga.prefs file.

- Quit Olga.

- Launch again Olga and this time, use the modem. Olga will use your

parameters to establish the connection to the modem.

- Return to the adjustment window and press on the "Valid" button.

This tedious method permits to avoid a connection try with bad parameters

and to solve communication blocking.

1.6 OLGA: Description générale

G E N E R A L P R E S E N T A T I O N

Olga is coded with Blitz Basic and uses MUI.

The interface is composed of 5 distinct pages (windows)

Each page deals with different modem functions :

- Modem Window

This main window offers a synthetic view about the modem state (number of

messages, memory rate, working mode, etc.)

- Messages Window

This window enables the handling of received messages :

- downloading on hard disk

- listening

- deleting

- etc.

- Greetings Window

This window enables the handling of greetings messages :

- recording

- listening

- uploading into modem

- deleting

- etc.

- Adjustment Window

This window offers means to adjust in an accurate way your modem.

Among others, you can adjust :

- the working mode,

- the modem's loudspeaker,

- differents parameters,

- differents Amiga parameters,

- the prefs saving

A beginning requester lets you use Olga without modem, but with limited function access.

- Info Window

This window gives usefull information about Olga and support news by the authors.

1.7 OLGA: Fenêtre Modem

M O D E M W I N D O W

The Modem window gives a quick preview about the modem state. The following datas are shown :

- the modem model

- the filling rate (in %) of the internal modem memory

- the number of received voice messages
- the number of received Faxes
- the number of required rings before modem will take the line
- the present state of greeting message in modem memory
- the working mode :

The modem supports different kinds of working mode :

- Standard mode :

The modem isn't in a stand alone mode; its behaviour is regular without answering capabilities

- Stand alone Fax mode :

The modem is stand alone (Amiga off), storing Fax only.

- Stand alone answerer mode :

The modem is stand alone (Amiga off), it just diffuses a message without enabling the caller to record a message

- Stand alone answerer recorder mode :

The modem is stand alone (Amiga off), this mode corresponds to a standard answerer. The modem hangs up after the defined number of rings, diffuses the greeting message and records the caller's message.

- Stand alone Fax answerer mode :

The modem is stand alone (Amiga off), the modem stores the received faxes and diffuses a greeting message in case of voice call.

- Full Stand alone mode :

The modem is stand alone (Amiga off), the modem stores the received faxes, diffuses a greeting message for voice calls and records messages.

- Deleting Messages/Faxes

This function enables to delete received voice messages and faxes, freeing modem memory. This function doesn't alter the greeting message.

- This function enables the possibility to connect to modem after a launch without modem. You haven't to quit Olga and launch again for modem connecting.

Nota:

In case of using a non-validated modem, a message warns the user that this kind of connected modem is unknown and therefore malfunctions and blockings are possible.

Contact us if you are in this situation (OLITEC modems only), we will try to integrate your modem in the well-known modems list.

1.8 OLGA: Fenêtre Messages

M E S S A G E S W I N D O W

This window handles the received messages.
The name of the received messages are formatted automatiquely to show the
receive hour and date and the message type (.voc=Voice and .fax=Fax)
So, for a voice message received on August 18th 1998 at 16h45, the name will
be : 1998-08-18_16h45’18.voc.
The american date notation permits a chronological sort of the messages
in the list.
In case of malfunction, the saved files from the modem are named Olga_n.err
with n as the download number message.
All the download messages are stored in OLGA:MSG directory and are showed
in the list.
The buttons under the list give access to the following function :
- Play the selected message:
The selected message is sent from the hard drive to the modem in order
to be played.
- Delete the message.
- Download the messages stored in the modem memory.
This function downloads all the modem stored messages and saves them onto
the hard drive in OLGA:MSG.
This function doesn’t erase the memory modem stored messages.
- Edit a note (ASCII) associated to the list selected message.
This note has the same name than the message file but with .note extension.
It is stored in OLGA:MSG/NOTES directory.
Message deleting deletes the associated note.

1.9 OLGA: Fenêtre Messages d’Accueil

G R E E T I N G S M E S S A G E S W I N D O W

This window handles the greetings messages.
The greetings messages can be recorded, played, saved into files and stored

in the OLGA:ACC directory.
The buttons under the list give access to the following functions :
- Play the selected greetings message.
- Stop recording the greetings message.
- Delete the selectedgreetings message.
- Upload the greetings message into the memory modem. The operation can take
up to 30 seconds depends on the duration of the message.
The TD led is light up during the transfer.
- Record a greetings message.
The record can be done from different input :
. Modem micro (incorporated for OLITEC 33600 or external for OLITEC 56000)
In this case, after setting the name of the file to be created, choose the
record option "modem" and clic on "OK" to begin recording. Press on "Stop"
to stop recording.
. Telephone
Olga uses the telephone on the same line as the modem. After setting the
name of the file to be created, choose the record option "telephone". Hang
up and press on a telephone touch (e.g: 0) and clic on "OK" to begin
recording. Press on "Stop" to stop recording.
NOTA:
For phone recording, the telephone must be on a different connector than
than modem. You can use a telephone "multi connector" and connect the modem
one connector and the telephone on the other.
- Delete the selected greetings message.
- Edit a note (ASCII) associated to the list selected message.
This note has the same name than the message file but with .note extension.
It is stored in OLGA:ACC/NOTES directory.
Message deleting deletes the associated note.

1.10 OLGA: Fenêtre Réglages

A D J U S T M E N T W I N D O W

The adjustment window permits the access to the advanced modem ajustment.
This window is separated in several distinct parts :
- Loud Speaker

The load speaker can be activated in some case and the volume can be set.
The choice can be set by the associated radio buttons.
- Data transfer
- Restitution at starting.
When this button is checked, after starting and after the init phase,
Olga downloads automaticaly the received messages and store them on the
hard drive.
- Amiga-Modem Synchronization
This parameter permits to synchonize the Amiga-Modem exchange, particulary
in terms of the Amiga power and the screen resolution used. This adjustment
set to 50 (default) can be used with a 68030/50MHz Amiga.
En cas of malfunction (unrecognized modem, bad downloading messages,...)
the value can be increased and the synchonization duration so.
- Speed restitution
This cyclic button permits to set the speed transfer rate between Amiga
and modem.
The available speed are :
- high 38400 Bauds
- average 19200 Bauds
- low 9600 Bauds
The hint speed is high (38400 Bds). It is required for some functions.
All different speed can cause malfunctions.
- Message Filtering
The filtering function permits the modem to generate a special ring
only during a vocal call receipt, this could be used to identify a call.
It is possible to choose the ring type and the duration.
The filtering function has to be set by the following method :
- Check the button "call filtering"
- Select a ring file (this will be used as ring during filtering)
- Select the filtering duration with the slider.
- Validate
- Serial Port
- You can set the serial device and the unit (0-3) by using the two gadgets.
- Function mode
- Mode
This cyclic button has the same function than in the Modem window.
- Number of rings
The cyclic button is used to define the number of rings before the modem
hangs up.

- Remote Interrogation.
This function permits to remote question the modem and to listen the messages received after setting the correct secret code.
- autorized
When this button is checked, the remote interrogation code setting can be set.
- code
This gadget permits to set the secret code (4 numerical caracters a.g: 1234)
- informations about remote interrogation.
Remote interrogation is autorized only when the modem is in stand alone mode. In this state, check the "Autorized" option, set the code string "Code" and validate. The modem can now use the remote intérogation.
The interrogation code is lost if the modem is set to standard mode.{UB}
- available functions with a telephone :
During the greetings message, type "*" followed by the secret code.
The modem is now in remote interrogation mode and plays the received messages, with a beep between each of them.
- The "6" touch stops the played message, emits a beep and go to the following message.
- The "7" touch stops the played message, emits a beep and go to the previous message.
- The "4" touch stops the played message, emits a beep and go to the begining of the current message.
- The "2" touch rings off.
If there’s no more messages to play, the modem emits 3 beeps after a 8 seconds pause while the caller can type "7".
If the modem flash memory is full, the modem emits 5 beeps.
- remote memory freeing :
In the remote interrogation mode, type on the "*" touch, wait 6 beeps and type the secret code. The modem emits 2 beeps and hangs off.
It will free its memory but preserv yhe greetings message.
- available functions with a Fax :
- remote downloading message
After pressing the "8" touch, the modem emits a beep and the fax carrier. The caller have to set the fax in fax receive mode and hang off. The modem sends back all its stored fax pages and hang off.
If there’s no fax, the modem emits 3 beeps or 5 if the memory is full.
All the settings done by the user in the window will be effective after using

the "Valid Button".
A clic on this button sends all the user parameters and tells the modem to use
them as default settings.
- Valid
Validate the settings done by the user in the adjustment window and send
them to the modem.
- Cancel
Restore the default parameters.
- Initialize
Make an initialization of the modem (restore default parameters)
- Save Prefs
Save the user parameters in the preference file (Olga.prefs).
Take care, you must validate and so send the new parameters after saving
the prefs. In this case, the settings are the same in the prefs and in
the modem. All will be right at the Olga's next launch.
The following parameters are saved in Olga.prefs file :
- serial device name
- device unit
- restitution at the biginning (yes/no)
- remote interrogation (yes/no)
- remote interrogation code
- download speed
- calls filtering (yes/no)
- trace use (not used)
- trace level (not used)
- synchro Amiga-Modem value
The other parameters (mode, etc.) are read from the modem during init.

1.11 OLGA: Fenêtre Informations

I N F O R M A T I O N S W I N D O W

This window contains :
- The informations about the registrated owner.
- The informations about registrating Olga and the way to contacter us.
More over, three buttons give access to the following function :

- "About Mui" which is calling the information window of MUI.
- "Mui Prefs" which is calling the MUI prefs for Olga. This permits to custom Olga as you like. For more information about this, please see the MUI documentation.
Crash can occur during setting the MUI prefs for Olga. Is this case, run the MUI prefs from Olga and save the prefs without any modification. Quit Olga and run MUI. You can load the olga saved prefs and set them as you want.
- A button "Help Olga" which is calling Olga.guide.

1.12 OLGA: Contraintes particulières

S P E C I F I C C O N S T R A I N T S

Olga uses the serial device to exchange informations with the modem
The communication through serial device can take some time, especially during message transfer.
Keep quite during some operation where Olga seems to be crashed.
If there's a communication problem, the modem send back a timeout after a few seconds (depending on the numbers of commands standing by...).
After this timeout, We get back the line. You have to check the soft and hardware parameters in order to find what's wrong.
Communication with the modem could breakdown, no command still available.
In this case, the only solution is to init the modem (on/off) and to quit Olga. The last solution is to reboot...

1.13 OLGA: Contraintes Matérielles

H A R D W A R E C O N S T R A I N T S

Olga requires :
- at least 1 Mo of free memory to run.
For example, a 30 s message requires about 60 ko, but Olga requires 120 ko to handle this message.
- a hard drive

1.14 OLGA: Contraintes du Modem

M O D E M C O N S T R A I N T S

Remarks and hints :
- The modem needs communication transfer at a 38400 Bauds speed. It is not
impossible that the little config (Amiga unaccelerated) could't be able
to support such speed.
- The modem has 2 internal memories which are used to store parameters.
Using ATZ (or ATZ0) command gives back manufacturer's parameters.
Olga uses the memory 1 to store the parameters set by the user. With
an terminal emulator, you have to use ATZ1 command.
- The modem uses datation for the reveived messages. Olga handles this
principle in using Amiga internal clock for setting the modem clock.
So the internal clock has to be correctly set if you want the messages
to be correctly dated.
The modem clock setting is done during the passage into a stand alone
mode" link FModem}.
So, you have to set the standard mode and to go back to stand alone mode
for setting the internal modem clock.
It is not impossible that the internal modem clock diverts if the modem in
out of supply. You have to go back to a stand alone mode via Olga to set
the correct date.
In case of problem with the datation, the download messages will named
Olga(n).err with n as the number of the message download.
The message can sometimes be played without any problem.

1.15 OLGA: Conseils d'utilisation

U S E F U L L H I N T S

The working of Olga respects the modem constraints of use.
The constraints are :
- we can use stand alone mode only if a greetings message has been load in
the memory modem.

- the serial speed has to be set to 38400 bauds for some specific functions
(recording, messages playing).
- compression format (ADPCM)

1.16 OLGA: Auteurs

T H E A U T H E R S

Olga has been developped by a three person group, every one is specialized
in some domains.
Hervé BOULANGER : modem functionality, coding nd tests.
Christophe LECLERC : conception, MUI interface and coding.
E-Mail : c_leclerc@csi.com
Christian DELETOILLE : coding, integration, tests and documentation.
E-Mail : c_norman@club-internet.fr
A WEB site about Olga can be found at the following URL :
HTTP://ourworld.compuserve.com/homepages/c_leclerc/cpf_home.htm
You can download the last release of Olga, ask your question and register.
For the Blitz developpers, you'll find CAT-BB2, a tool to help you to generate
your catalog (.cd) file.

1.17 OLGA: History

H I S T O R Y

The history of Olga began one year ago. After bying a Olitec Self Memory
modem, we undurstood that no Amiga software can handle this modem.
The first release was using GADTOOLS (not diffused).
Olga v1.0, first diffused released, was using MUI interface.
Olga v1.2 is the second diffused release.
This release has the folowing improvement :
- integration of starting restitution
- integration of call filtering function

- possibility to choose serial device and unit device
- possibility to modify Amiga-Modem synchronisation
- call to MUI prefs
- the unknown modems are accepted (without any support)
- Olga is localised and the files Olga.ct and Olga.cd are provided.
- bug correcting in using with AMIGA 060/50MHz
- some optimisations

Olga v1.21

This release has the folowing improvement (not diffused)

- the call filtrering is now totally fonctionnal
- improuvement of the greating message by the internal modem micro.
- informations about recording greating messages by telephone.
- Olga.ct et Olga.cd update.
- bug correcting

Olga v1.22a

This release has the folowing improvement :

- button "modem connect" add in modem page
- size of messages file in list added
- installation with Installer
- bug correcting

Olga has been developped on A1200/030/50 + 32Mo and WinUAE on Pentium 100 MHz.

Olga has been tested on :

A1230/030-50/FPU + 32Mo (DBLPAL 720*550 no entrelaced)

A1230/030-50 + 24Mo (PAL High resolution no entrelaced)

A1260/060-50 + 32Mo with different resolutions.

A1240/040-PPC603e+ 240MHz - BVision.

If you have an other modem type which is not supported by Olga, please

conctact us, will see if we can handle this new modem type.

1.18 OLGA: Futur

F U T U R E

There’s a lot of thing to improuve.

- other modem type handling (Olitec Smart Memory, USR message plus, etc.)
- Complete handling of Fax (visualisation et printing).
- Possibility to play voice messages in local (on Amiga’s speaker)
- Bug correcting (still numerous...)

1.19 OLGA: Localisation

L O C A L I S A T I O N

Olga uses localisation.
This release is by defauft in french. The english catalog is provide in
the archive.
The directory Olga:doc/translation contents les requested files for catalog
translation :
- the file Olga.catalog in english version (not used)
- the file Olga.catalog in french version
- the files Olga.cd, Olga_fr.ct and Olga_en.cr requested for your own local
catalog.
The catalog file generation can be done by using a tool like CATCOMP (not
provided).
If you are volonteer for catalog or/and doc translation in your language,
or for any question about translation, please contact us by E-Mail

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1.20 OLGA: Remerciements

T H A N K S

Special thanks to :
- Stephan STUNZ for MUI.
- Erwan FOURET for EFMUIlib without this, MUI could not be used with Blitz
Basic II.
- Christophe GENRE for bêta tests on v1.21 release.
- The persons who contact us for impressions and bug reporting.

1.21 OLGA: F.A.Q

F . A . Q .

Is Olga handling Olitec Speed Voice modem?
Olga uses the Self Memory modem functions. Some functions can be used with voice modem (Speed Voice) but the importants functions will bring the modem to communication breaks.
It is possible to know the modem type by using the terminal emulator and typing the commande AT/. The modem answers the manufacturer reference.
Is Olga handling Fax
No. Olga only downloads Fax into files on the harddrives (*.Fax).
Howerver, It is possible the send back a Fax strored in the memory modem to an other Fax (See part remote fax download)
Fax handling will be developped in a next Olga release.
What is the Voice file format (*.voc)?
The files are in ADPCM4 format. In the current release, it is not possible to play the messages with the Amiga's speaker.
We plan to develop a player function first and, is we've enough time, a IFF/ADPCM4 converter function.
The record quality of the greatings message is not very good. What to do?
The quality of the integreted 33600 version micro gives average results when recording. It's better to use the external micro (available in some versions)
It is possible to use the telephone by following the guide provided by the software and the doc. The quality is quite good but the record duration is limited to about 15 seconds.
Recording a greating message by using a telephone is impossible. Why?
The modem and the telephone must be connected on different connector. Don't connect the telephone on the modem line connector. (see part Record a greetings message" link FAcc}
The Olga windows doesn't open at launch
It is possible that the window doesn't open at all if the resolution is to low. In this case, try higher resolution or overscan (could be suffisant).
